



1/1/2007 2877

PTO/SB/21 (09-04)

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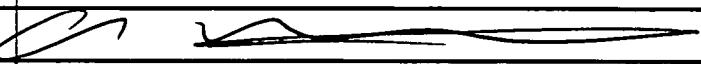
## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/501,268
		Filing Date	July 9, 2004
		First Named Inventor	Guillermo J. Tearney
		Art Unit	7475
		Examiner Name	To be assigned
Total Number of Pages in This Submission		Attorney Docket Number	36290/US/2 - 475387-00017

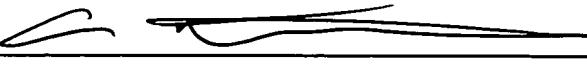
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice of Non-Compliant Amendment, Declaration and Return Receipt postcard
<input type="checkbox"/> Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev, Esq.		
Date	August 16, 2006	Reg. No.	Reg. No. 40,479

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Signature			
Typed or printed name	Gary Abelev, Esq.	Date	August 16, 2006

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FILE NO. 036290/US/2 - 475387-00017  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Guillermo J. TEARNEY et al.  
Serial No. : 10/501,268  
Filed : July 9, 2004  
Entitled : APPARATUS AND METHOD FOR LOW COHERENCE  
RANGING  
Group Art Unit : 2877  
Examiner : Denise Brown Anderson  
Confirmation No. : 7475

Commissioner for Patents  
United States Patent and Trademark Office  
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August 16, 2006

  
Gary Abelev (Reg. No. 40,479)

**AMENDMENT AFTER NON-FINAL OFFICE ACTION AND RESPONSE TO NOTICE OF  
NON-COMPLIANT AMENDMENT**

Sir:

This paper is filed in response to a non-final Office Action dated April 19, 2006, and to Notice of Non-Compliant Amendment dated August 9, 2006. Initially, please amend the above-identified application as set forth below.

**In the Drawings:**

Please replace originally-filed Figs. 1 and 2 with amended Figs. 1 and 2, which are filed herewith on a separate "Replacement" sheet.

**In The Claims:**

Please amend claims 48, 54, 56, 62, 68-70, 76, 84 and 90, and add new claims 98-107 as provided below in the associated claim listing on separate sheets: